



11.70105

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Moshe Finarov)
Serial No.: Unassigned)
Filed: March 15, 2004)
For: METHOD AND SYSTEM FOR)
ENDPOINT DETECTION)
Art Unit: Unassigned)
Examiner: Unassigned)

I hereby certify that this paper is being deposited with
the United States Postal Service as First-Class Mail in
an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA, 22313-1450, on:

7/29/04 
DATE Attorney for Applicant
Registration No. 31,497

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. § 1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) citing the patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§ 1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

300 South Wacker Drive – Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315
Customer Number 24978

By: 

Lawrence J. Cram
Registration No. 31,497

Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 1811.70105

Serial No.: Unassigned

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

AUG 03 2004

Applicant: Moshe Finarov

Filing Date: March 15, 2004

Group: Unassigned

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----------------|----------|-------------------|-------|----------|----------------------------|
| | 4,618,262 | 10/21/86 | Maydan | | | |
| | 4,977,330 | 12/11/90 | Batchelder et al. | | | |
| | 4,998,021 | 03/5/91 | Mimasaka | | | |
| | 5,032,217 | 07/16/91 | Tanaka | | | |
| | 5,222,329 | 06/93 | Yu | | | |
| | 5,240,552 | 08/31/93 | Yu et al. | | | |
| | 5,245,794 | 09/93 | Salugsugan | | | |
| | 5,293,216 | 03/8/94 | Moslehi | | | |
| | 5,322,590 | 06/21/94 | Koshimizu | | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Subclass | Translation | |
|--|-----------------|--------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | 0 444 450 | 9/4/91 | Europe | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|--|
| | Dishon et al., <i>Dielectric CMP Advanced Process Control Based on Integrated Thickness Monitoring</i> , VMIC Specialty Conference, Santa Clara, California; February, 1997. |
| | Lützen et al., <i>Oxide Chemical Mechanical Polishing Closed Loop Time Control</i> , SPIE, Vol. 3882, Santa Clara, September 22-23, 1999. |
| | |
| | |

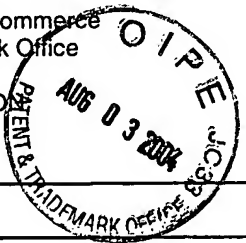
Examiner

Date Considered

*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | | | |
|--|--|--|--|---------------------------------|--|------------------------|--|
| Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office | | | | Attorney Docket No.: 1811.70105 | | Serial No.: Unassigned | |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | Applicant: Moshe Finarov | | | |
| Filing Date: March 15, 2004 | | | | Group: Unassigned | | | |



| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|------------|------------------|-------|----------|----------------------------|--|
| Examiner Initial* | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate | |
| | 5,433,651 | 07/18/1995 | Lustig | | | | |
| | 5,609,511 | 03/97 | Moriyama et al. | | | | |
| | 5,658,183 | 08/19/97 | Sandhu | | | | |
| | 5,659,492 | 08/97 | Li et al. | | | | |
| | 5,664,987 | 09/9/97 | Renteln | | | | |
| | 5,730,642 | 03/24/98 | Sandhu | | | | |
| | 5,851,135 | 12/22/98 | Sandhu et al. | | | | |
| | 5,872,633 | 02/16/99 | Holzapfel et al. | | | | |
| | 5,910,011 | 06/08/99 | Cruse | | | | |

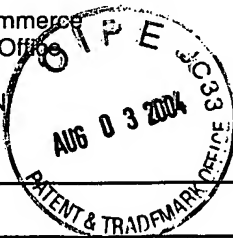
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|-----------------|------|---------|-------|----------|-------------|----|--|
| Examiner Initial* | Document Number | Date | Country | Class | Subclass | Translation | | |
| | | | | | | Yes | No | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| | |
| | |
| | |
| | |

| | |
|--|-----------------|
| Examiner | Date Considered |
| *Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



Attorney Docket No.: 1811.70105

Serial No.: Unassigned

Applicant: Moshe Finarov

Filing Date: March 15, 2004

Group: Unassigned

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----------------|----------|-------------------|-------|----------|----------------------------|
| | 5,964,643 | 10/12/99 | Birang | | | |
| | 5,964,980 | 10/12/99 | Robinett | | | |
| | 6,106,662 | 08/00 | Bibby, Jr. et al. | | | |
| | 6,276,987 | 08/01 | Li et al. | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Subclass | Translation | |
|--|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|--|
| | |
| | |
| | |
| | |

Examiner

Date Considered

*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.